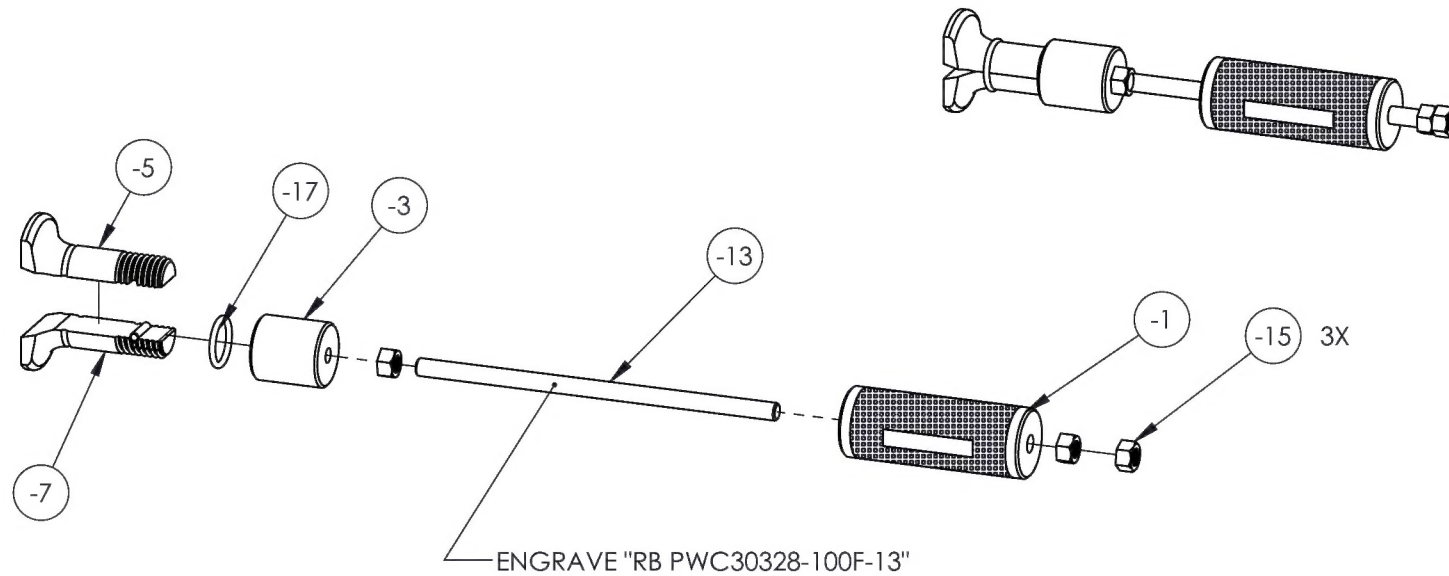


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



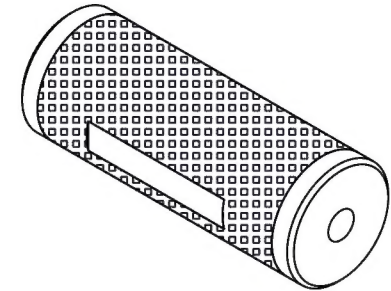
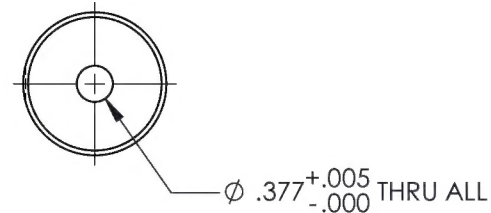
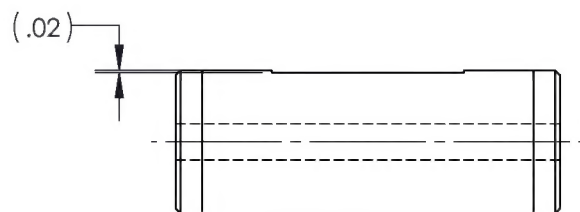
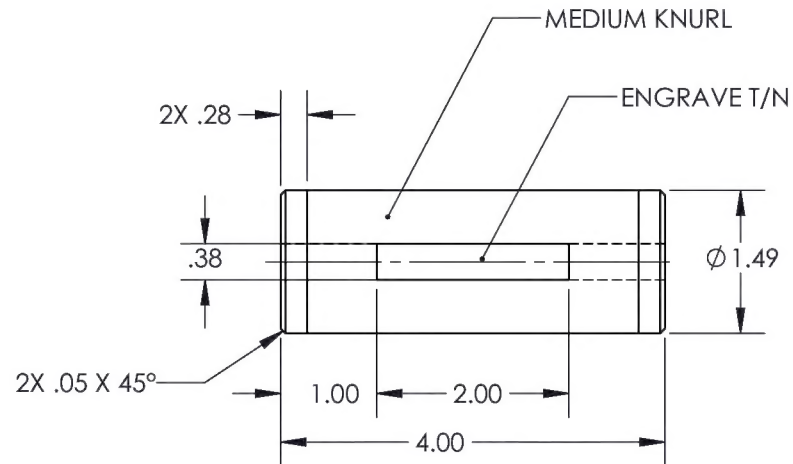
**UNDER REVIEW**

URF 19-1092 19.10.29 (VM)

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	RED BARN MACHINE	
			-1	1	SLIDE	1018	Ø1-1/2 X 4-1/8	2	TITLE	
			-3	1	NUT	1018	Ø1-3/8 X 1-5/8	3	PULLER, OIL FILTER	
			-5	1	PULLER TOP HALF	1018	Ø2-1/4 X 3-1/8	5	DWG NO. RB PWC30328-100F	
	X		-7	1	PULLER HALF WELDMENT			4	REV	
	1		-9	1	PULLER BOTTOM HALF	1018	SEE -5	5	MAT'L	
	1	B/O	-11	1	DOWEL PIN	STEEL	Ø3/16 X 3/4 MCMaster-CARR #98381A508	4	DRAWN BY: GILBERT	
		B/O	-13	1	SPACING STUD	STEEL	Ø3/8-16 X 8 MCMaster-CARR #90281A651	1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
		B/O	-15	3	NUT	STEEL	3/8-16 MCMaster-CARR #95479A118	1	.XXX ± .005 FRACTIONS ± 1/32	
		B/O	-17	1	O-RING	POLYURETHANE	MCMaster-CARR #9558K33	1	.XX ± .01 ANGLES ± 5°	
	ASSY -7								1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
									2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
									SCALE 1:4	
									DATE 5/29/2012	
									SHEET 1 OF 5	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



**UNDER REVIEW**

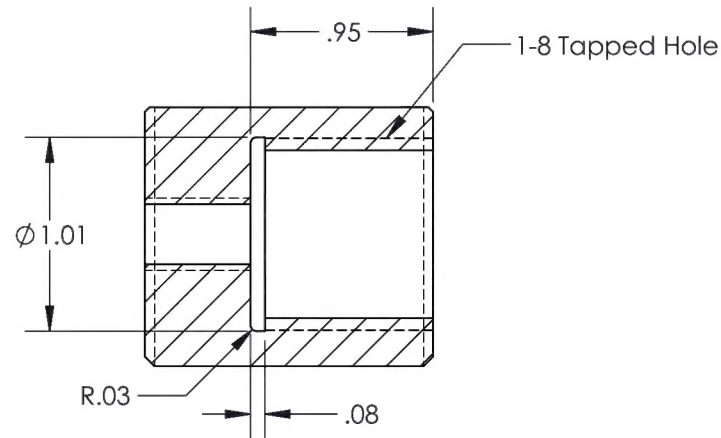
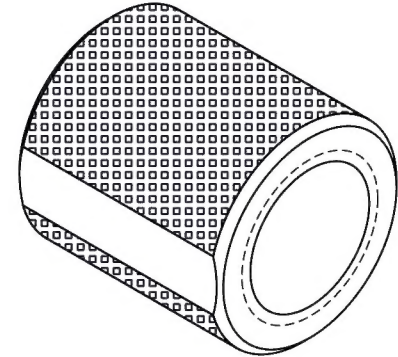
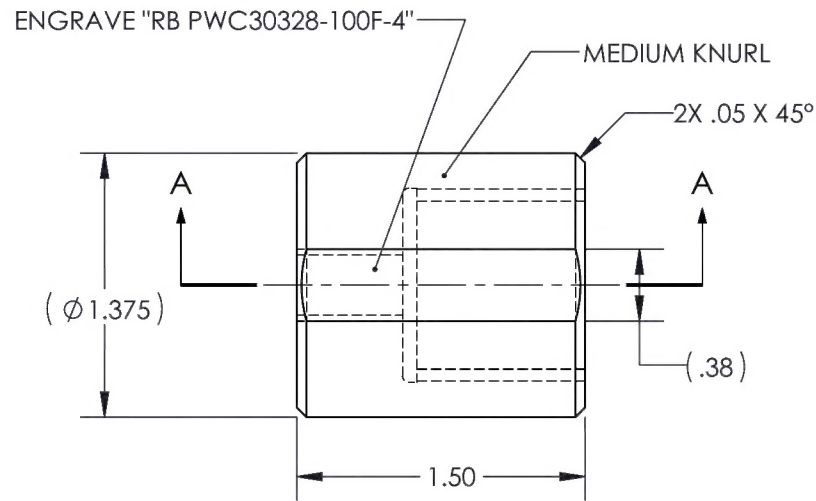
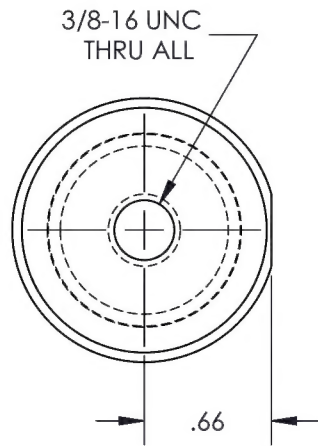
URF 19-1092 19.10.29 (VM)

(-1)  
SLIDE

 <b>RED BARN MACHINE</b>		TITLE	
		PULLER, OIL FILTER	
DWG NO.		REV	
RB PWC30328-100F-1			
MAT'L 1018		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005 FRACTIONS ± 1/32		HEAT TREAT	
.XX ± .01 ANGLES ± 5°		FINISH BLACK OXIDE	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE 1:2	DATE 5/29/2012	SHEET 2 OF 5	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



SECTION A-A

**UNDER REVIEW**

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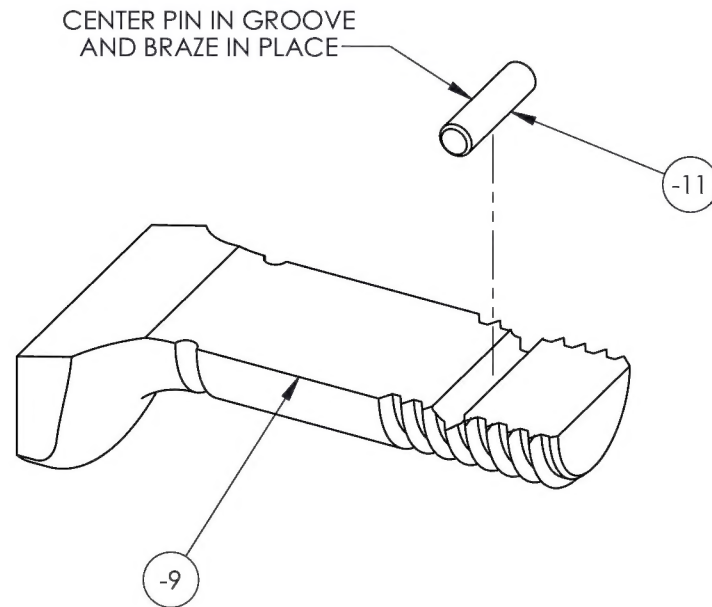
③  
NUT

<b>RED BARN MACHINE</b>	
PULLER, OIL FILTER	
DWG NO.	REV
RB PWC30328-100F-3	
MAT'L 1018	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED <i>D Weil</i>	
HEAT TREAT	
FINISH BLACK OXIDE	
SPEC	
USED ON MODEL	
SCALE 1:1	DATE 5/29/2012
SHEET 3 OF 5	

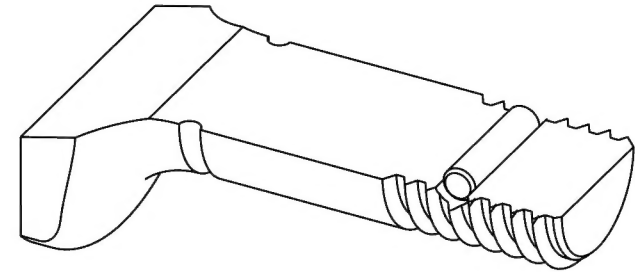
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# REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
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-7  
PULLER HALF WELDMENT



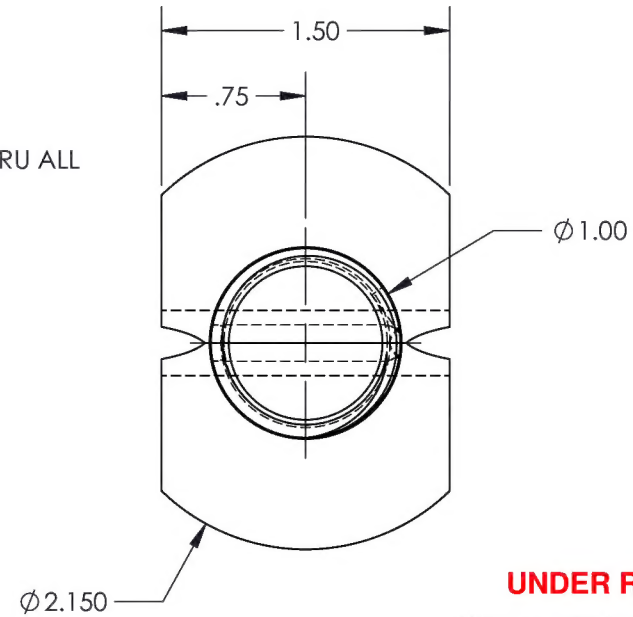
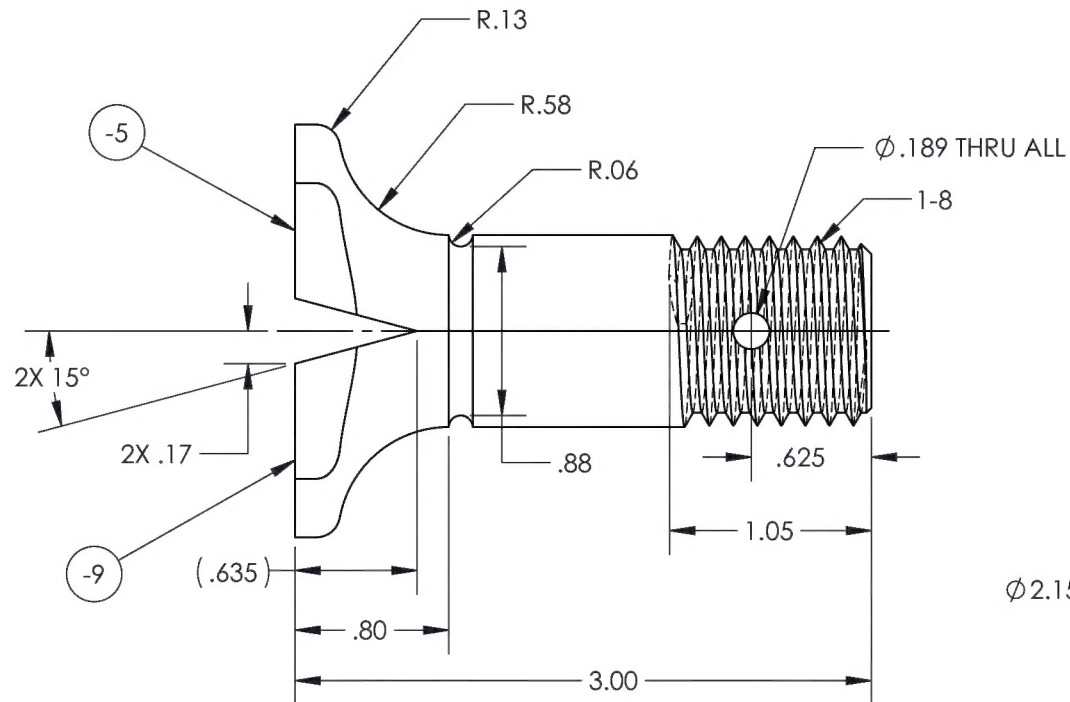
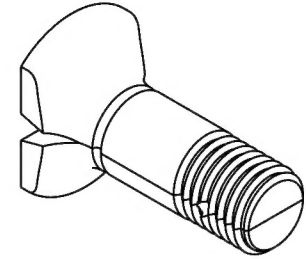
**UNDER REVIEW**

URF 19-1092 19.10.29 (VM)

 <b>RED BARN MACHINE</b>	
TITLE <b>PULLER, OIL FILTER</b>	
DWG NO. <b>RB PWC30328-100F-7</b>	REV
MAT'L	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/32	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED <i>D Weil</i>	
HEAT TREAT	
FINISH <b>BLACK OXIDE</b>	
SPEC	
USED ON MODEL	
SCALE <b>1:1</b>	DATE <b>5/29/2012</b>
SHEET 4 OF 5	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED



**UNDER REVIEW**  
URF 19-1092 19.10.29 (VM)



HANDLE

<b>RED BARN MACHINE</b>	
TITLE <b>PULLER, OIL FILTER</b>	
DWG NO. <b>RB PWC30328-100F-5, &amp; -9</b>	REV
MAT'L 1018	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm$ .005	HEAT TREAT
.XX $\pm$ .01	FINISH SEE NOTE SHEET 6
.X $\pm$ .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 5/29/2012
SHEET 5 OF 5	